Index of Claims

| Applica | tion/Con | trol | No. |
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10/648,334

Examiner

Yolanda L. Wilson

Applicant(s)/Patent under Reexamination

CHANG, WEN-CHANG
Art Unit

2113

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ļ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
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| Cla            | aim      | Date   |  |        |   |              | Claim Date                                       |                     |          |       |          |                 |          | Claim   |               |          | Date          |          |     |          |            |          |          |         |          |              |                 |           |                |
|----------------|----------|--|--|--------|---|--------------|--|---------------------|----------|-------|----------|-----------------|----------|---------|---------------|----------|---------------|----------|-----|----------|------------|----------|----------|---------|----------|--------------|-----------------|-----------|----------------|
|                |          |  |  | T      |   |              |  |                     |          |       |          |                 | Τ        |         | Π             |          | $\prod$       |          | ſ   |          | <u>,,</u>  |          |          |         |          |              |                 | - {       | 1              |
| Final          | Original | 6/22/06  |  |        |   |              |  |                     |          | Final | Original |                 |          | -       |               |          |               |          |     | Final    | Original   |          |          |         |          |              |                 |           | I              |
| i <del>L</del> | )<br>ji  | 2/9  |  |        |   |              |  |                     |          | 垣     | Ä        |                 |          | 1       | 1 1           |          |               |          |     | 正        | Ë          |          |          |         |          |              |                 |           | -              |
|                | )        |  |  |        |   | Ш            |  |                     | _        |       |          |                 | $\perp$  | $\perp$ |               |          | $\perp \perp$ | _        | L   |          |            |          | _        | ┵       | _        | <u> </u>     | $\sqcup$        | 4         | _              |
|                | 1        | 7  | $\perp$  |        | <u> </u>  |              |  |                     | $\Box$   |       | 51       |                 | $\perp$  | $\bot$  | $\sqcup$      | _        | $\bot$        | 4        | L   |          | 101        | _        |          | $\bot$  | $\bot$   | Ļ_           | $\vdash$        | $\dashv$  | _              |
|                | 2        | 1  |  |        | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |              |  | _                   | _        |       | 52       | $\perp$         | $\bot$   |         | $\sqcup$      | _ _      | 1             | 4        | L   |          | 102        | -        |          | $\bot$  | 1        | ┞            | $\vdash$        | _         | _              |
|                | 3        | 1  |  |        | ┡   | Щ            | Н  | -                   | -        |       | 53       |                 | 4        | -       | $\longmapsto$ |          | ++            | -        | ŀ   |          | 103        |          |          | +       |          | ⊢            | $\vdash$        |           | ᅴ              |
| ļ              | 4        | 7  |  | -      | ╄   | Щ            | $\vdash$   | _                   | -4       |       | 54       | $\dashv$        |          | +       | -             |          | ╁┷┼           | -        | L   |          | 104        |          | -        | +       | +        | ⊢            | $\vdash$        | $\dashv$  | $\dashv$       |
| <u> </u>       | 5        | 1  | _  |        | ــــــ  |              | Ш  |                     |          |       | 55       | $\perp$         | _        | -       | $\sqcup$      |          | ++            |          | -   |          | 105        |          | -        | +       | ╀        | ┼            | $\vdash$        | -         | $\dashv$       |
| <u> </u>       | 6        | 7  |  | +      | 1   | <u> </u>     |  | _                   | _        |       | 56       | $\rightarrow$   |          | +       | $\vdash$      | +        |               |          | -   |          | 106<br>107 | $\dashv$ | +        | +       | ╫        | ┼            | $\vdash$        | $\dashv$  | $\dashv$       |
|                | 7        | <u> </u>   | -  | +      | -   | <u> </u>     |  |                     |          |       | 57<br>58 | $\vdash$        | +        |         | ++            |          | ++            |          | ┝   | $\dashv$ | 107        | $\dashv$ | +        | ┿       | ╁        | ⊢            | Н               | $\dashv$  | ᅱ              |
|                | 8        | ├—   |  | +      | ┢   | $\vdash$     | H  | -+                  | -        |       |          | +               | -        | +       | ╁             |          | ++            | -        | ŀ   |          | 109        | $\dashv$ | +        | +       | ╁        | $\vdash$     | $\vdash$        | $\dashv$  | ᅱ              |
|                | 9        | <u> </u>   | -  | +      | ╁   | $\vdash$     | $\vdash$   | -+                  | $\dashv$ |       | 59<br>60 | $\dashv$        | _        | +       | $\vdash$      | -        | +             |          | ╟   |          | 110        | -        | $\dashv$ | +       | +        | ┼            | H               | $\dashv$  | $\dashv$       |
| <u> </u>       | 10       | -  |  | +-     | ┢   | -            | $\vdash$   |                     | $\dashv$ |       | 61       | -               |          | +-      | +             | +        | +             |          | ⊦   |          | 111        | -        |          | +       | +        | $\vdash$     | $\vdash$        | $\dashv$  | $\dashv$       |
|                | 11       |  |  | +      | $\vdash$  | -            | $\vdash \vdash$                                  | $\dashv$            | -        |       | 62       | $\vdash \vdash$ | +        | +       | +             |          | ++            | $\dashv$ | ŀ   |          | 112        |          | +        | +       | +        | +            | $\vdash$        | $\dashv$  | ᅱ              |
| <b> </b>       | 12<br>13 |  | $\vdash$   | +      | $\vdash$  | -            | $\vdash \vdash$                                  | +                   | $\dashv$ | -     | 63       | $\vdash$        | +        | +-      | +             | +        | ++            | $\dashv$ | ŀ   |          | 113        | $\dashv$ | +        | +       | +        | $\vdash$     | $\vdash$        | $\dashv$  | ᅱ              |
| <del> </del>   | 14       | $\vdash$   | $\vdash +$                                       | +      | +   |              | $\vdash$   | +                   | $\dashv$ |       | 64       | $\vdash$        | +        | +       | ╁╌┤           | $\dashv$ | +             | -        | ŀ   |          | 114        | $\dashv$ | +        | +       | +        | $\vdash$     | $\vdash$        | -         | $\dashv$       |
| <del></del>    | 15       | $\vdash$   | <del>                                     </del> | +-     | +   | $\vdash$     |  | $\dashv$            | $\dashv$ |       | 65       | $\vdash$        | +        | +       | ╁┤            | +        | + +-          | -        | ŀ   |          | 115        | $\dashv$ | $\dashv$ | +       | +        | $\vdash$     | $\vdash$        | $\dashv$  | $\dashv$       |
| <del> </del>   | 16       |  | $\vdash$   | +      | $\vdash$  | $\vdash$     | $\vdash$   | $\dashv$            | $\dashv$ |       | 66       | $\vdash$        | $\dashv$ | +       | ╁╌┤           | $\dashv$ | ++            | -        | -   |          | 116        | _        | $\dashv$ | +-      | +        | t            | H               | $\dashv$  | $\dashv$       |
| -              | 17       | <del> </del>                                     | $\vdash$   | +      | +   | $\vdash$     | $\vdash \vdash$                                  | $\dashv$            | $\dashv$ |       | 67       | $\vdash$        | $\dashv$ | +       | +             | _        | ++            | $\dashv$ | ŀ   |          | 117        | ┪        | $\dashv$ | 十       | ╁        | t            | 一               | $\dashv$  | 一              |
| -              | 18       | ├  | +  | +      | ╁   | ╁            | <del>                                     </del> | +                   | $\dashv$ |       | 68       | $\vdash$        | $\dashv$ | +       | +             | $\dashv$ | ++            | $\dashv$ | ŀ   |          | 118        | $\dashv$ | $\dashv$ | +       | +        | $\vdash$     | $\vdash$        | -         | $\dashv$       |
|                | 19       | -  |  | +      | +   | ├            | Н  |                     | -        |       | 69       | $\vdash$        | $\dashv$ | +       | ╂┈╂           | _        | + +           | -        | ŀ   | Ħ        | 119        | 一        | _        | +       | T        |              | $\vdash$        | $\dashv$  | $\dashv$       |
| ├─             | 20       |  | +  | ╅      | ╁╌  | $\vdash$     | H  | +                   | $\dashv$ |       | 70       | -+              | +        | +-      | $\vdash$      |          | ++            | -        | ŀ   |          | 120        | $\dashv$ | -1-      | +       | +-       | t            | $\Box$          | $\dashv$  | $\dashv$       |
|                | 21       | _  | $\vdash$   | +      | +-  | $\vdash$     | $\vdash$   | -+                  | -        |       | 71       |                 | _        | +       | $\Box$        | _        | ++            | -        | ŀ   | $\neg$   | 121        | 一        |          | ╅       | 1        |              | П               | _         | $\dashv$       |
|                | 22       |  | _  | +      | +   | -            | H  |                     | 1        |       | 72       |                 |          | +       | 1-1           | $\top$   | ++            | -        | ŀ   |          | 122        | 一        | $\neg$   | ╈       | 1        | †            | $\Box$          | $\neg$    | $\dashv$       |
|                | 23       |  | -  | +      | +   | $\vdash$     |  | $\dashv$            |          |       | 73       |                 | $\dashv$ | +       | $\Box$        | _        | ++            | -1       | -   |          | 123        | 寸        |          | 十       | T        | 1            | П               | $\dashv$  |                |
| -              | 24       | $\vdash$   | +  | +      | +-  |              | $\vdash$   |                     | $\dashv$ |       | 74       |                 | $\dashv$ | +       | $\Box$        |          | 11            | -        | ŀ   |          | 124        |          | _        |         | T        | <b>†</b>     | П               | $\dashv$  | $\neg$         |
| <b></b>        | 25       | $\vdash$   | -  | +      | +   |              |  |                     | $\dashv$ |       | 75       |                 | $\top$   | $\top$  | $\Box$        | _        | 11            | -        |     |          | 125        | $\neg$   |          | $\top$  | 1        | T            | П               | $\dashv$  |                |
| <u> </u>       | 26       | <del>                                     </del> | $\top$   | +      | 1   |              | Н  |                     | $\dashv$ |       | 76       |                 | $\top$   | 1       | 1             | $\top$   |               |          | ı   |          | 126        | 寸        |          | 1       | <b>T</b> | 1            | П               | ヿ         |                |
|                | 27       |  |  | 1      | $\vdash$  |              |  |                     | 1        |       | 77       |                 |          | 7       | 1 1           |          |               | 7        |     |          | 127        | $\neg$   | Т        | $\top$  | T        |              | П               | $\neg$    |                |
|                | 28       |  |  | 1      | $\vdash$  |              |  |                     |          |       | 78       |                 |          | 1       |               |          |               | <b>-</b> | ľ   |          | 128        |          | $\top$   | $\neg$  | T        |              | П               |           |                |
|                | 29       |  |  | ┪      |   | Г            | $\Box$   |                     | 7        |       | 79       |                 | $\top$   | 1       |               |          | $\top$        | _        |     |          | 129        |          | $\neg$   |         |          |              |                 |           |                |
|                | 30       |  |  | 丁      | 1   |              | П  |                     | 7        |       | 80       |                 | $\neg$   |         | П             |          |               |          | ijŢ |          | 130        |          |          |         |          |              |                 |           |                |
|                | 31       |  |  |        | Τ   |              |  | $\neg$              |          |       | 81       |                 |          |         |               |          |               |          |     |          | 131        |          |          |         | $\perp$  |              |                 |           |                |
|                | 32       |  |  |        | Γ   |              |  |                     |          |       | 82       |                 |          |         |               |          |               |          |     |          | 132        |          | $\perp$  |         |          |              | Ш               |           |                |
|                | 33       |  |  |        |   |              |  |                     |          |       | 83       |                 |          | $\perp$ |               |          |               |          |     |          | 133        |          |          |         |          |              | $\square$       |           |                |
|                | 34       |  |  |        |   |              |  | $\Box$              |          |       | 84       | oxdot           |          |         |               |          |               | _        | L   | ]        | 134        | ]        |          | $\perp$ | _        | $oxed{oxed}$ | Ш               | $\square$ |                |
|                | 35       |  | $oxed{\bot}$                                     |        |   |              |  |                     | $\Box$   |       | 85       | Ц               | $\perp$  |         | Ш             |          | $\bot \bot$   | _        | L   |          | 135        |          | $\perp$  | 4       | $\perp$  |              | Ш               |           | Ш              |
|                | 36       |  |  |        |   |              |  |                     | ⅃        |       | 86       | Ш               | $\perp$  |         | Ш             |          | $\bot \bot$   | _        | L   |          | 136        |          | $\perp$  | _       | $\perp$  | _            | Ш               |           | $\square$      |
|                | 37       |  |  |        |   | $\Box$       | Ш  | $\Box$              | _]       |       | 87       |                 | $\perp$  |         | <u> </u>      |          | $\bot \bot$   | _        | L   |          | 137        |          |          | $\perp$ | $\bot$   | $\perp$      | Ц               |           | Ш              |
|                | 38       |  |  |        | <u> </u>  | $oxed{\Box}$ | Ш  | $\Box$              | $\perp$  |       | 88       | Ш               | $\bot$   | $\perp$ |               | $\bot$   | $\bot \bot$   | _        | L   |          | 138        |          | _        | _ _     | $\perp$  | ـــــ        | Ш               | ┦         | $\sqcup$       |
| L              | 39       | _  |  |        | 1   | $\perp$      | Ш  |                     | _        |       | 89       | Щ               | $\perp$  | $\perp$ | $\sqcup$      |          | $\bot$        | _        | L   |          | 139        |          | $\perp$  | 4       | 4_       | $\vdash$     | Щ               | ᆜ         | $\perp \perp$  |
|                | 40       | $ldsymbol{oxed}$                                 | $oxed{oxed}$                                     |        | <u> </u>  | <u> </u>     | Ш  |                     | $\perp$  |       | 90       | $\sqcup$        | _        | $\perp$ | $\sqcup$      |          | ++            | 4        | Ļ   |          | 140        |          | _        | +       | $\bot$   | <del> </del> | $\sqcup$        | ᆜ         |                |
|                | 41       | _  | ot   |        | _   | $\perp$      | Ш  | Ш                   | _        |       | 91       | $\sqcup$        | 4        |         | Ш             |          | $\bot\bot$    | 4        | Ļ   |          | 141        |          | $\dashv$ | 4       | $\bot$   | _            | Ш               | $\dashv$  | $\blacksquare$ |
|                | 42       | 匚  | ot   | Ц.     | <u> </u>  | _            | $\sqcup$   | $\sqcup \downarrow$ | _        |       | 92       | $\sqcup$        | $\dashv$ | _       | Щ             |          | ++            | 4        | 1   |          | 142        |          | _        | +       | +        | 1-           | $\sqcup$        | $\sqcup$  | <b> </b>       |
|                | 43       | L_   | $\sqcup \!\!\! \perp$                            | $\bot$ | 1_  | ļ            | Ш  | $\perp \downarrow$  | _        |       | 93       | $\sqcup$        | $\perp$  |         | Ш             | +        | ++            | 4!!!     | ŀ   |          | 143        |          | $\dashv$ | +       | 1        | ╄            | $\vdash$        | -         |                |
| <u> </u>       | 44       | <u> </u>   | $\vdash \vdash$                                  | -      | 1   | ┺            | $\square$  | $\sqcup$            | 4        | _     | 94       | igwdap          | 4        | +       | +             |          | ++            | -        | ŀ   |          | 144        | $\Box$   | $\dashv$ | +       | $\perp$  | +            | $\vdash \vdash$ | $\dashv$  | $\vdash$       |
| L              | 45       | <u> </u>   | $\vdash$   | 4-     | 1   | _            | $\sqcup$   |                     | 4        |       | 95       | ${oxed}$        | _        |         | $\vdash$      | - -      | ++            | -4::     | ŀ   |          | 145        | Щ        | +        | +       | +        | ┼            | $\vdash$        | $\dashv$  | Н              |
| <u> </u>       | 46       | <b> </b>   | $\vdash \vdash$                                  | 4      | +-  | $\vdash$     |  |                     | 4        |       | 96       | $\vdash$        | +        | -       | +             |          | ++            | -        | ŀ   |          | 146        | -1       | +        | +       | +        | +-           | $\vdash \vdash$ | $\vdash$  | $\vdash$       |
| -              | 47       | <u> </u>   | $\vdash \vdash$                                  | +      | +-  |              | $\sqcup$   | $\dashv$            | _        |       | 97       | $\vdash \vdash$ |          | +       | $\vdash$      | $\dashv$ | +             |          | ŀ   |          | 147        | Н        |          | +       | +        | ╀            | ╁╌┤             |           |                |
| <u> </u>       | 48       | <u> </u>   | ┝╌┼╴   | +      | +   |              | $\vdash \vdash$                                  |                     | 4        |       | 98       | $\vdash \vdash$ | -        |         | +             | +        | ++            | -4:::    | ŀ   |          | 148        |          | $\dashv$ | +       | +-       | ╁            | $\vdash\vdash$  | $\dashv$  | Н              |
| <u> </u>       | 49       | <u> </u>   | $\vdash \vdash$                                  | +      | +   | $\vdash$     | $\vdash$   | $\vdash$            | _        |       | 99       | $\vdash \vdash$ |          |         | +             |          | +             |          | ŀ   |          | 149        |          | +        | +       | +-       | ╀            | $\vdash$        | $\vdash$  | $\vdash$       |
|                | 50       | ll   | I I  | _L_    |   | 1            |  |                     |          |       | 100      |                 |          | $\bot$  |               | L_       | 1             | :::      | ၬ   |          | 150        |          |          |         |          | 1            | ᆫᆜ              |           |                |